

HP ENVY 4500 e-All-in-One Printer



Well-connected printing

This e-all-in-one offers affordable printing from virtually anywhere.¹ Produce borderless, lab-quality photos and laser-sharp documents from your smartphone, tablet and Internet-connected PC.¹



Tackle any task.

- Create a reaction with every page – easily produce borderless, lab-quality photos and laser-sharp documents.
- No need to wait – print wirelessly right away with painless setup.²
- Inspire life with every print – HP Printables deliver news, fun and savings directly to your printer.³
- Get news, fun and more delivered directly to your printer with HP Printables.³

Print wirelessly from virtually anywhere with HP ePrint¹, AirPrintTM⁴ and HP wireless direct⁵.

- Print from virtually anywhere – print wirelessly from your smartphone, tablet and Internet-connected PC.¹
- Always have your printer on hand – scan directly to your mobile device with the HP Printer Control app.⁶
- Use your Apple[®] iPhone[®] or iPad[®] to control print, scan and copy features.⁴
- Compact form and sleek, stylish design – looks great in any room.

Conserve resources without slowing down.

- Both sides of savings – save time and paper with automatic two-sided printing.
- Full of value! Print more for less with optional high-capacity cartridges.⁷
- Designed to conserve – save energy, using a printer that's ENERGY STAR[®] qualified.
- Small effort, big impact. Count on easy, free cartridge recycling through HP Planet Partners.⁸

Highlights

- Affordable wireless printer scanner copier
- Automatic two-sided printing
- Mono display, HP Auto Wireless Connect
- Energy Star[®] qualified
- USB, HP ePrint, AirPrintTM, wireless



Wireless



Print with or
without router



2-sided printing



Mono LCD screen

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Technical specifications

Functions	Print, copy, scan, photo
Print speed	Up to 21 ppm draft black (A4); Up to 17 ppm draft colour (A4);
Print resolution	Up to 1200 x 600 rendered dpi (when printing from a computer) black; Up to 4800 x 1200 optimised dpi colour (when printing from a computer on selected HP photo papers and 1200 input dpi) colour
Print technology	HP Thermal Inkjet
Print Area	Print margins: Top: 3 mm; Bottom: 3 mm; Left: 3 mm; Right: 3 mm; Maximum print area: 209.9 mm x 349.6 mm
Print languages	HP PCL 3 GUI
Print capabilities	Borderless printing: Yes (up to 216 x 297 mm)
Print cartridges number	2 (1 each black, tri-colour)
Mobile printing capability	Features wireless direct and local Wi-Fi connectivity to enable mobile printing via HP ePrint, Apple AirPrint™ as well as other solutions. Mopria-certified. Supports printing from most smartphones and tablets using these operating systems: Android, iOS, Blackberry, Symbian, Windows 8, Windows RT.
Monthly duty cycle	Up to 1,000 pages (A4); Recommended monthly page volume: 100 to 400
Automatic paper sensor	No
Processor speed	360 MHz
Display	5 cm Hi-Res Monochrome LCD
Multitasking supported	No
Wireless Capability	Yes
Connectivity	Standard 1 Hi-Speed USB 2.0; Wi-Fi 802.11 n
Mobile device management	HP Printer Control App scans directly to mobile device, checks supplies status, and uploads scans to cloud and email. Supported by Apple® iPhone® or iPad® and Android mobile devices.
Web solutions	HP Printables: variety of printable content available via a schedule or on demand; Scan to email
Memory	Standard 32MB DDR1; Maximum 32MB DDR1
Copier settings	2-sided; ; Maximum number of copies: Up to 20 copies; Copy resolution: 600 x 600 dpi; Copy resolution, color text and graphics: 600 x 1200 dpi; Copier resize: 25 to 400%
Copy speed	Up to 6 cpm black ISO (A4), Up to 4 cpm colour ISO (A4)
Scanner specifications	Scanner type: Flatbed; Scan technology: CIS; Scan input modes: Front-panel scan, front-panel copy, HP Scan software; Twain version: Version 1.9; Scan size maximum (flatbed, ADF): 216 x 297 mm; Optical scan resolution: Up to 2400 x 2400 dpi
Scan file format	PDF, BMP, PNG, TIF, JPG
Scannable area	Maximum media size: 216 x 297 mm
Bit depth/ Greyscale levels	24-bit/ 256
Digital sending	Standard: Via printer control app: scan to email; From software: scan to file, scan to email
Fax	No
Media types	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers, borderless media
Media sizes	Supported A4; A5; B5; DL; C6; A6; Custom: 76 x 127 to 216 x 356 mm
Media Handling	Input capacity: Up to 100 sheets; Up to 40 cards cards; Up to 30 sheets photo paper Output capacity: Up to 30 sheets, Up to 5 envelopes Maximum: Up to 30 sheets Duplex printing: Automatic (standard)
Paper weight	Supported: A4: 75 to 90 g/m²; HP envelopes: 75 to 90 g/m²; HP cards: up to 200 g/m²; HP 10 x 15 cm photo paper: up to 250 g/m²; Recommended: 75 to 250 g/m²

What's in the box	A9T80B: HP ENVY 4500 e-All-in-One; HP 301 Black Ink Cartridge; HP Tri-colour Ink Cartridge; power supply; power cord; software CD; reference guide
Supplies	CH561EE HP 301 Black Original Ink Cartridge ~ 190 pages CH562EE HP 301 Tri-color Original Ink Cartridge ~ 165 pages CH563EE HP 301XL High Yield Black Original Ink Cartridge ~480 pages CH564EE HP 301XL High Yield Tri-color Original Ink Cartridge ~330 pages CHP210 HP Printing Paper-500 sht/A4/210 x 297 mm CR340EE HP 301 2-pack Black/Tri-color Original Ink Cartridges 190 pages 165 pages Q5456A HP Advanced Glossy Photo Paper-25 sht/A4/210 x 297 mm Q8008A HP Advanced Glossy Photo Paper-60 sht/10 x 15 cm borderless Approximate yield. Actual yield depends on printer and specific use. See hp.com/go/pageyield for more information.
Compatible operating systems	Windows 8, Windows 7, Windows Vista; Mac OS X v10.6, Lion, Mountain Lion
Minimum system requirements	Windows: Windows 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor; 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer; Windows Vista: 800 MHz 32-bit (x86) or 64-bit (x64) processor; 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer Mac: Mac OS X v10.6, OS X Lion, OS X Mountain Lion; Intel® Core™ Processor; 1 GB available hard disk space; CD-ROM/DVD or Internet; USB
Software included	HP Photo Creations
Printer dimensions (W x D x H)	Minimum: 445 x 608 x 390 mm; Maximum: 445 x 608 x 390 mm
Package dimensions (W x D x H)	492 x 162.7 x 400.2 mm
Printer Weight	5.49 kg
Package weight	6.43 kg
Operating environment	Temperature: 5 to 40°C, Humidity: 20 to 80% RH
Storage	Temperature: -40 to 60°C, Humidity: 10 to 90% RH (non-condensing)
Acoustics	Acoustic power emissions: 6.4 B(A) (printing at 6 ppm); Acoustic pressure emissions: 51 dB(A) (printing at 6 ppm)
Power	Requirements: Input voltage: 100 to 240 VAC (+/-10%), 50/60 Hz (+/- 3 Hz) Consumption: 13.07 watts (printing), 2.51 watts (ready), 0.70 watts (sleep), 0.20 watts (off) Power supply type: Built-in Universal Power Supply
Certifications	CISPR 22: Ed5: 2005 +A1:2005/EN 55022: 2006 +A1:2007 Class B; CISPR 24:1997 +A1:2001 +A2:2002/EN 55024: 1998 +A1:2001 +A2:2003; EN 301 489-1 v1.8.1: 2008, EN 301 489-17 v2.1.1: 2009; IEC 61000-3-2: 2005 +A1:2008 +A2:2009/EN 61000-3-2: 2006 +A1:2009 +A2:2009; IEC 61000-3-3: 2008/EN 61000-3-3: 2008 Energy Star Qualified: Yes
Country of origin	Made in China
Warranty	One-year limited warranty. Warranty and support options vary by product, country and local legal requirements.
Service and support	UG062E HP 3 year Care Pack w/Next Day Exchange for Multifunction Printers UG187E HP 3 year Care Pack w/Standard Exchange for Multifunction Printers . (UG062E: Only Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK, Czech Republic, Greece, Hungary, Poland, Slovakia. UG187E: All EMEA countries).

Footnotes

¹Requires an Internet connection to an HP web-enabled printer and HP ePrint account registration. For a list of eligible printers, supported documents and image types and other HP ePrint details, see [hpconnected.com](httpconnected.com). Mobile devices and PCs require Internet connection and email capability. May require wireless access point. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz routers only.; ²HP Auto Wireless Connect may not be available for all system configurations. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz routers only. For information on compatibility, visit [hp.com/go/autowirelessconnect](http.com/go/autowirelessconnect).; ³Requires a wireless access point and an Internet connection to the printer. Services require registration. Availability varies by country, language and agreements and may require a firmware upgrade. HP Printables may not be available on all printer models and not all apps can be set up for automatic delivery. For details, see [hpconnected.com](httpconnected.com).; ⁴Supports the following devices running iOS 4.2 or later: iPad®, iPhone® (3GS or later), iPod touch® (3rd generation or later). Works with HP's AirPrint-enabled printers and requires the printer be connected to the same network as your iOS device. Wireless performance is dependent upon physical environment and distance from the access point. Wireless operations are compatible with 2.4 GHz routers only. AirPrint, the AirPrint Logo, iPad, iPhone and iPod touch are trademarks of Apple® Inc., registered in the U.S. and other countries.; ⁵Mobile device must be wireless-enabled. Wireless performance is dependent on physical environment and distance from access point. Feature may require driver or apps, available for download at [www.hp.com/go/wirelessprinting](httpwww.hp.com/go/wirelessprinting).; ⁶Mobile device requires wireless access point and Internet connection. Features controlled may vary by mobile device operating system. Scan/copy control requires mobile device and printer be on the same wireless network or through wireless direct connection to printer. For more details, see [www.hp.com/go/mobileapps](httpwww.hp.com/go/mobileapps).; ⁷High-capacity Original HP 61XL, 301XL, 122XL and 802 Ink Cartridges not included; please purchase separately. Less cost per page compared with standard capacity Original HP 61, 301, 122 and 802 Ink Cartridges.; ⁸Program availability varies. Original HP cartridge return and recycling is currently available in more than 50 countries, territories and regions in Asia, Europe and North and South America through the HP Planet Partners program. For more information, visit [hp.com/recycle](http.com/recycle).



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